



# **STIC Search Report**

## **Biotech-Chem Library**

STIC Database Tracking Number: 150904

**TO:** Ilia Ouspenski  
**Location:** 3d74 / 3c70  
**Tuesday, April 19, 2005**  
**Art Unit:** 1644  
**Phone:** 571-272-2920  
**Serial Number:** 10 / 072622

**From:** Jan Delaval  
**Location:** Biotech-Chem Library  
**Remsen 1a51**  
**Phone:** 571-272-22504  
**[jan.delaval@uspto.gov](mailto:jan.delaval@uspto.gov)**

### Search Notes

**FOR OFFICIAL USE ONLY**

ACCESS DB # 150904  
PLEASE PRINT CLEARLY

Scientific and Technical Information Center  
**SEARCH REQUEST FORM**

Requester's Full Name: \_\_\_\_\_ Examiner #: \_\_\_\_\_ Date: \_\_\_\_\_

Art Unit: \_\_\_\_\_ Phone Number: 2-\_\_\_\_\_ Serial Number: \_\_\_\_\_

Location (Bldg/Room#): \_\_\_\_\_ (Mailbox #): \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK

\*\*\*\*\*

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Date: \_\_\_\_\_

Search Topic:

*Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.*

\*For Sequence Searches Only\* *Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

\*\*\*\*\*

<b>STAFF USE ONLY</b>	Type of Search	Vendors and cost where applicable
Searcher: <u>Jan</u>	<input type="checkbox"/> NA Sequence (#)	<input type="checkbox"/> STN <input type="checkbox"/> Dialog
Searcher Phone #: <u>22504</u>	<input checked="" type="checkbox"/> AA Sequence (#)	<input type="checkbox"/> Questel/Orbit <input type="checkbox"/> Lexis/Nexis
Searcher Location: _____	<input type="checkbox"/> Structure (#)	<input type="checkbox"/> Westlaw <input type="checkbox"/> WWW/Internet
Date Searcher Picked Up: <u>4/15/04</u>	<input type="checkbox"/> Bibliographic	<input checked="" type="checkbox"/> In-house sequence systems
Date Completed: <u>4/19/04</u>	<input type="checkbox"/> Litigation	<input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Oligomer <input type="checkbox"/> Score/Length
Searcher Prep & Review Time: <u>15</u>	<input type="checkbox"/> Fulltext	<input checked="" type="checkbox"/> Interference <input type="checkbox"/> SPDI <input type="checkbox"/> Encode/Transl
Online Time: <u>+25</u>	<input type="checkbox"/> Other	<input type="checkbox"/> Other (specify) _____

(50904

Delaval, Jan

---

**From:** Ouspenski, Ilia  
**Sent:** Monday, April 18, 2005 9:14 AM  
**To:** Delaval, Jan  
**Subject:** seq search for 10/072,622

Dear Jan,

please search both commercial and pending files for the following amino acid substitutions of SEQ ID NO:12 of 10/072,622:

1. glutamine in position 76;
2. serine in position 52.

thanks,

ilia

ILIA OUSPENSKI, Ph.D.  
Examiner  
Art Unit 1644  
Phone: 571-272-2920  
REM 3D74  
Mailstop 3c70

Qy 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Db 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Qy 181 MEMRAVNTAKKSRLTDVTL 199  
Db 181 MEMRAVNTAKKSRLTDVTL 199  
; SEQ ID NO 2  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-107-828-2

## RESULT 2

US-09-833-245-114

Sequence 114 Application US/09833245

Publication No. US2004001014A1

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Albumin Fusion Proteins

FILE REFERENCE: PPS46PCT

CURRENT APPLICATION NUMBER: US/9/09-833, 245

CURRENT FILING DATE: 2001-04-12

PRIOR APPLICATION NUMBER: 60/229, 358

PRIOR FILING DATE: 2000-04-12

PRIOR APPLICATION NUMBER: 60/256, 931

PRIOR FILING DATE: 2000-12-21

PRIOR APPLICATION NUMBER: 60/199, 384

PRIOR FILING DATE: 2000-04-25

NUMBER OF SEQ ID NOS: 2267

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 114

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-09-833-245-114

Query Match 99 5%; Score 1078; DB 11; Length 199;  
Best Local Similarity 99 5%; Pred. No. 1.4e-108; Matches 198; Conservative 0; Mismatches 1; Indels 0; Gape 0;Qy 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Db 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Qy 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Db 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Qy 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Db 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Qy 181 MEMRAVNTAKKSRLTDVTL 199  
Db 181 MEMRAVNTAKKSRLTDVTL 199  
; SEQ ID NO 2  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-107-828-2

## RESULT 4

US-10-07-907-2

Sequence 2, Application US/10107907

Publication No. US20020151685A1

GENERAL INFORMATION:

APPLICANT: Tamai, Takuya

TITLE OF INVENTION: CELL SURFACE MOLECULE MEDIATING CELL

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/107, 907

CURRENT FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: 09/561, 308

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP98/00837

PRIOR FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: JAPAN 09-62290

PRIOR FILING DATE: 1997-02-27

PRIOR APPLICATION NUMBER: JAPAN 10-62217

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-10-107-907-2

Query Match 99 5%; Score 1078; DB 13; Length 199;  
Best Local Similarity 99 5%; Pred. No. 1.4e-108; Matches 198; Conservative 0; Mismatches 1; Indels 0; Gapse 0;Qy 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Db 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Qy 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Db 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Qy 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Db 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
; SEQ ID NO 2  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-107-907-2

## RESULT 3

US-10-107-907-2

Sequence 2, Application US/10107828

Publication No. US2002015831A1

GENERAL INFORMATION:

APPLICANT: Tamai, Takuya

TITLE OF INVENTION: CELL SURFACE MOLECULE MEDIATING CELL

FILE REFERENCE: 06501-039002

CURRENT APPLICATION NUMBER: US/10/107, 828

CURRENT FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US/09/561, 308B

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP98/00837

PRIOR FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: JAPAN 09-62290

PRIOR FILING DATE: 1997-02-27

PRIOR APPLICATION NUMBER: JAPAN 10-62217

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-10-107-907-2

Query Match 99 5%; Score 1078; DB 13; Length 199;  
Best Local Similarity 99 5%; Pred. No. 1.4e-108; Matches 198; Conservative 0; Mismatches 1; Indels 0; Gapse 0;Qy 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Db 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Qy 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Db 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Qy 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Db 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
; SEQ ID NO 2  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-107-907-2

## RESULT 4

US-10-07-907-2

Sequence 2, Application US/10107907

Publication No. US20020151685A1

GENERAL INFORMATION:

APPLICANT: Tezuka, Katsunari

TITLE OF INVENTION: ADHESION AND SIGNAL TRANSMISSION

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/107, 828

CURRENT FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US/09/561, 308B

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP98/00837

PRIOR FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: JAPAN 09-62290

PRIOR FILING DATE: 1997-02-27

PRIOR APPLICATION NUMBER: JAPAN 10-62217

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-10-107-907-2

Query Match 99 5%; Score 1078; DB 13; Length 199;  
Best Local Similarity 99 5%; Pred. No. 1.4e-108; Matches 198; Conservative 0; Mismatches 1; Indels 0; Gapse 0;Qy 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Db 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Qy 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Db 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Qy 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Db 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
; SEQ ID NO 2  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-107-907-2

## RESULT 5

US-10-07-907-2

Sequence 2, Application US/10107907

Publication No. US20020151685A1

GENERAL INFORMATION:

APPLICANT: Tezuka, Katsunari

TITLE OF INVENTION: CELL SURFACE MOLECULE MEDIATING CELL

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/107, 828

CURRENT FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US/09/561, 308B

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP98/00837

PRIOR FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: JAPAN 09-62290

PRIOR FILING DATE: 1997-02-27

PRIOR APPLICATION NUMBER: JAPAN 10-62217

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-10-107-907-2

Query Match 99 5%; Score 1078; DB 13; Length 199;  
Best Local Similarity 99 5%; Pred. No. 1.4e-108; Matches 198; Conservative 0; Mismatches 1; Indels 0; Gapse 0;Qy 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Db 1 MKSGLWYFFPLCLRKIVLKGEBINGSANYEMPIFNGVQLCKYPDIOQFKMQLKGQ 60  
Qy 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Db 61 ILCDLTKTGSNTVQIKSLKFCISQLSNSVSFLYNDHSHANYFCNLSTFDPPPK 120  
Qy 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
Db 121 VTLTGGYLHYESOLCCOLKFMLPIGCAFPVVVCLGCGILCILWTKKYSVSSVHDNGEV 180  
; SEQ ID NO 2  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-107-907-2

## RESULT 6

US-10-07-907-2

Sequence 2, Application US/10107907

Publication No. US20020151685A1

GENERAL INFORMATION:

APPLICANT: Tezuka, Katsunari

TITLE OF INVENTION: CELL SURFACE MOLECULE MEDIATING CELL

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/107, 828

CURRENT FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US/09/561, 308B

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP98/00837

PRIOR FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: JAPAN 09-62290

PRIOR FILING DATE: 1997-02-27

PRIOR APPLICATION NUMBER: JAPAN 10-62217

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-10-107-907-2